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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known Application Number 09/480 837 Filing Date January 10, 2000 First Named Inventor Stephan GEHRING Art Unit Examiner Name Chirag G. Shah

Attorney Docket Number 00041

(Use as many sheets as necessary)

Sheet 01 of 04

Substitute for form 1449/PTO

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Examiner	Cite No.	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code ² (**Anown)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevan Figures Appear
		^{US-} 4,425,549	01-1984	Schwartz et al.	
		^{US-} 4,500,887	02-1985	Nester	
		US- 4,594,706	06-1986	Kobayashi	
		^{US-} 4,700,019	10-13-1987	Kerschner et al.	
		^{US-} 4,843,403	06-1989	Lalezari et al.	
		^{US-} 4,853,704	08-1989	Diaz et al.	
		US- 4,855,749	08-1989	DeFonzo	
		US- 4,905,234	02-27-1990	CHILDRESS ET AL.	
		^{US-} 4,978,965	12-1990	Mohuchy	
		^{US-} 5,081,466	01-1992	Bitter, Jr.	
		US- 5,142,255	08-1992	Chang et al.	
		US- 5,243,653	09-1993	Malek et al.	
	-	US- 5,264,860	11-1993	Quan	
		US- 5,280,498	01-18-1994	TYMES ET AL.	
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		^{US-} 5,469,174	11-1995	McCorkle	
		^{US-} 5,509,049	04-16-1996	PETERSON	
		^{US-} 5,515,366	05-07-1996	Chieu	

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Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	7.0
		Country Code ³ "Number ⁴ "Kind Code ⁵ (# known)	MM-DD-YYYY		Or Relevant Figures Appear	15
		EP 0 288 904	04-21-1988	Labedz		
	T	EP 0 475 682	09-05-1991	Kamerman		
		EP 0 750 284	12-27-1996	Gitlin		L
		EP 0 752 764	06-18-1996	Olsen		
		WO 95/35002	12-21-1995	Blakenely		L
		WO 98/00993	1/8/1998	sberg		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2

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Complete ii Known					
Application Number	09/480,837				
Filing Date	January 10, 2000				
First Named Inventor	Stephan GEHRING				
Art Unit	2616				
Examiner Name	Chirag G. Shah	_			
Attorney Docket Number	00041				

				DOCUMENTS		
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (Finance)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear	
		US- 5,519,408	05-1996	Schnetzer		
		^{US-} 5,550,848	08-27-1996	DOSHI ET AL.		
		US- 5,572,546	11-05-1996	SERFATY ET AL.		
		^{US-} 5,638,371	06-1997	Raychaudhuri et al.		
		^{US-} 5,683,432	11-1997	Goedeke et al.		
		^{US-} 5,684,791	11-1997	Raychaudhuri et al.		
		US- 5,699,532	12-16-1997	BARRETT ET AL.		
		us- 5,729,541	03-17-1998	HAMALAINEN ET AL.		
		US- 5,734,646	03-31-1998	I ET AL.		
		US- 5,740,542	04-14-1998	LEEPER ET AL.		
		US- 5,748,153	05-1998	McKinzie, III et al.		
		^{US-} 5,787,080	07-28-1998	Hulyalkar et al.		
		US- 5,878,277	03-1999	ОНТА		
		us- 5,889,771	03-30-1999	ALTVATER		
		us- 5,905,442	05-18-1999	MOSEBROOK ET AL.		
		us- 5,907,544	05-25-1999	Rypinski		
		us- 5,922,047	07-13-1999	Newlin et al.		
		^{US-} 5,956,487	09-21-1999	Venkatraman et al.		
		US- 5 966 376	10-12-1999	Bakih et al.		

		FORE	IGN PATENT DOCL	IMENTS				
Examiner Initials*	Cite No.1	Cite No.1		Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	١.
		Country Code ³ Number ⁴ Kind Code ⁵ (if known) MM-DD-YYYY			Or Relevant Figures Appear	T		
		WO 98/24250	06-04-1998	Turina		L		
		WO 98/27667	06-25-1998	Satyanarayana		┖		
-	T^{T}	WO 98/27747	06-25-1998	Hulyalkar		L		
		WO 98/33347	07-30-1998	Pentikainen		┡-		
		GB 2281662	03-08-1995	Raquenet et al.		L		
		GB 2320162	06-10-1998	Philip				

Examiner Signature	Date Considered	

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Substitute for form 1449/PTO	Application Number	09/480.837		
INFORMATION DIGGL COURT	Filing Date	January 10, 2000		
INFORMATION DISCLOSURE	First Named Inventor	Stephan GEHRING		
STATEMENT BY APPLICANT	Art Unit	2616		
(Use as many sheets as necessary)	Examiner Name	Chirag G. Shah		
12	Attorney Docket Number	00041		

			U. S. PATEN	F DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (Monous)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 5,987,590	11-16-1999	WING SO	
		^{US-} 6,003,070	12-14-1999	FRANTZ	
		us- 6,016,311	01-18-2000	GILBERT ET AL.	
		^{US-} 6,016,322	01-18-2000	GOLDMAN	
		^{US} : 6,075,826	06-2000	Sayegh	
		US- 6,449,291	09-2002	Burns et al.	
		us- 6,700,939	12-11-1998	McCorkle	
		US- 6,711,177	03-23-2004	Young	
		^{US-} 6,778,557	08-2004	Yuki et al.	
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		us- 7,088,795	08-2006	Aiello et al.	
		US-			

		FORE	GN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	۱.,
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	te for form 1449/PTO				Complete if Known
Substitu	te for form 1449/P1O			Application Number	09/480,837
INF	ORMATION	DIS	CLOSURE	Filing Date	January 10, 2000
STA	STATEMENT BY APPLICANT			First Named Inventor	Stephan GEHRING
				Art Unit	2616
	(Use as many she	ets as n	ecessary)	Examiner Name	Chirag G. Shah
Sheet	04	of	04	Attorney Docket Number	00041

		NON PATENT LITERATURE DOCUMENTS	_		
Examiner Cite Initials* No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			
		KHUN-JUSH et al., HIPERLAN type 2 for broadband wireless communication, Ericsson Review No. 2, 2000, pgs. 108-119.			
		Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications, LAN MAN Standards Committee of IEEE Computer Society, IEEE Std. 802.11, June 26, 1997.			
		Broadband Radio Access Networks (BRAN) HIPERLAN Type 2, ETSITR 101 683 VI.I.I., European Telecommunications Standards Institute, France, 2000.			
		Broadband Radio Access Networks (BRAN) HIPERLAN Type 2, Physical (THY) Layer, ETSITR 101 475 VI.I.I., European Telecommunications Standards Institute, France, 2000.			
	-	Federal Communications Commission Regulations § 15.247 "Operation with the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz."			
		KARDACH, "Bluetooth Architecture Review, PowerPoint, 3/18/1999.			
		KARDACH, "Bluetooth Architecture Review, Intel Technology Journal, Q2, 2000.			

Examiner	Date	1
Signature	Considered	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary) Sheet 01 of |04

Complete if Known Application Number 09/480,837 Filing Date January 10, 2000 First Named Inventor Stephan GEHRING Art Unit 2616 Examiner Name Chirag G. Shah Attorney Docket Number 00041

			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ² (* Anown)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		^{US-} 4,425,549	01-1984	Schwartz et al.	
		US- 4,500,887	02-1985	Nester	
		US- 4,594,706	06-1986	Kobayashi	
		^{US-} 4,700,019	10-13-1987	Kerschner et al.	
		US- 4,843,403	06-1989	Lalezari et al.	
		^{US-} 4,853,704	08-1989	Diaz et al.	
		US- 4,855,749	08-1989	DeFonzo	
		US- 4,905,234	02-27-1990	CHILDRESS ET AL.	
		^{US-} 4,978,965	12-1990	Mohuchy	
		^{US-} 5,081,466	01-1992	Bitter, Jr.	
		US- 5,142,255	08-1992	Chang et al.	
		US- 5,243,653	09-1993	Malek et al.	
		US- 5,264,860	11-1993	Quan	
	1	US- 5,280,498	01-18-1994	TYMES ET AL.	
		us- 5,295,140	03-15-1994	CRISLER ET AL.	
		US- 5,297,144	03-22-1994	GILBERT ET AL.	
	1	^{US-} 5,469,174	11-1995	McCorkle	
		^{US-} 5,509,049	04-16-1996	PETERSON	
		^{US-} 5,515,366	05-07-1996	Chieu	

		FORE	IGN PATENT DOCL	JMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	١.
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	т°
		EP 0 288 904	04-21-1988	Labedz		_
		EP 0 475 682	09-05-1991	Kamerman		匚
		EP 0 750 284	12-27-1996	Gitlin		L
		EP 0 752 764	06-18-1996	Olsen		
		WO 95/35002	12-21-1995	Blakenely		L
		WO 98/00993	1/8/1998	Isberg		

Examiner	Date	
Signature	Considered	

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STATEMENT BY APPLICANT (Use as many sheets as necessary)

Sheet 2

Application Number	09/480,837			
Filing Date	January 10, 2000			
First Named Inventor	Stephan GEHRING			
Art Unit	2616			
Examiner Name	Chirag G. Shah			
Attorney Docket Number	00041			

	_		U. S. PATEN	T DOCUMENTS	
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		US- 5,519,408	05-1996	Schnetzer	
_		us- 5,550,848	08-27-1996	DOSHI ET AL.	
		us- 5,572,546	11-05-1996	SERFATY ET AL.	
		US- 5,638,371	06-1997	Raychaudhuri et al.	
		^{US-} 5,683,432	11-1997	Goedeke et al.	
		^{US-} 5,684,791	11-1997	Raychaudhuri et al.	
		us- 5,699,532	12-16-1997	BARRETT ET AL.	
		us- 5,729,541	03-17-1998	HAMALAINEN ET AL.	
		^{US-} 5,734,646	03-31-1998	I ET AL.	
		^{US-} 5,740,542	04-14-1998	LEEPER ET AL.	
		^{US-} 5,748,153	05-1998	McKinzie, III et al.	
		^{US-} 5,787,080	07-28-1998	Hulyalkar et al.	
		^{US-} 5,878,277	03-1999	OHTA	
		US- 5,889,771	03-30-1999	ALTVATER	
		us- 5,905,442	05-18-1999	MOSEBROOK ET AL.	
		us- 5,907,544	05-25-1999	Rypinski	
		US- 5,922,047	07-13-1999	Newlin et al.	
		^{US-} 5,956,487	09-21-1999	Venkatraman et al.	
		^{US-} 5,966,376	10-12-1999	Rakib et al.	

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Examiner Initials*	Cite No.1		Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	١.	
		Country Code ³ "Number ⁴ "Kind Code ⁵ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°
		WO 98/24250	06-04-1998	Turina		L
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		WO 98/27747	06-25-1998	Hulyalkar		L
		WO 98/33347	07-30-1998	Pentikainen		
		GB 2281662	03-08-1995	Raquenet et al.		L
		GB 2320162	06-10-1998	Philip		

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			U. S. PATEN	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ^{2 (F Anown)}			1 igures Appear
		^{US-} 5,987,590	11-16-1999	WING SO	
		^{US-} 6,003,070	12-14-1999	FRANTZ	
		^{US-} 6,016,311	01-18-2000	GILBERT ET AL.	
		^{US-} 6,016,322	01-18-2000	GOLDMAN	
		^{US-} 6,075,826	06-2000	Sayegh	
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		^{US-} 6,700,939	12-11-1998	McCorkle	
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		^{US-} 6,778,557	08-2004	Yuki et al.	
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		^{US-} 7,031,294	04-2006	Aiello et al.	
		^{US-} 7,088,795	08-2006	Aiello et al.	
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Substitute for form 1449/PTO		Complete if Known
Substitute for form 1443/110	Application Number	09/480,837
INFORMATION DISCLOSURE	Filing Date	January 10, 2000
STATEMENT BY APPLICANT	First Named Inventor	Stephan GEHRING
(Use as many sheets as necessary)	Art Unit	2616
(Use as many sneets as necessary)	Examiner Name	Chirag G. Shah
Sheet 04 of 04	Attorney Docket Number	00041

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		KHUN-JUSH et al., HIPERLAN type 2 for broadband wireless communication, Ericsson Review No. 2, 2000, pgs. 108-119.	
		Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications, LAN MAN Standards Committee of IEEE Computer Society, IEEE Std. 802.11, June 26, 1997.	
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		Federal Communications Commission Regulations § 15 247 "Operation with the bands 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz."	
		KARDACH, "Bluetooth Architecture Review, PowerPoint, 3/18/1999.	
		KARDACH, "Bluetooth Architecture Review, Intel Technology Journal, Q2, 2000.	

Examiner Signature	/Kerri Rose/	Date Considered	08/21/2008

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of his form with next communication to applicant.

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